FORM PTO-1449 PE 707 2 10 2003 EE

| FORM P10-1449                          |            |            | ATTY. DOCKET NO. |                                   | SERIAL NO. |          |        |                            |  |
|--|------------|------------|------------------|-----------------------------------|------------|----------|--------|----------------------------|--|
| Information Disclosure                 |            |            | 102350-200       |                                   | 10/657005  |          |        |                            |  |
|  |            |            |                  | APPLICANT:                        |            |          |        |                            |  |
|  |            |            |                  | OLIN CORPORATION/WIELAND-WERKE AG |            |          |        |                            |  |
|  |            |            |                  | FILING DATE:                      |            |          | GROUP: |                            |  |
|  |            |            |                  | SEPTEMBER 5, 20                   | 03         |          | 170    | +2                         |  |
|  |            | . <u> </u> | U.S. PA          | ATENT DOCUMENT                    | rs         |          |        |                            |  |
| EXAMINER DOCUMENT DATE NAMINITIALS NO. |            | NAME       | NAME CLASS       |                                   | 3          | SUBCLASS |        | FILING<br>DATE IF<br>APPR. |  |
| 13                                     | 4,601,879  | 7/86       | Durrs            | chnabel, et al.                   | 1          |          | 1      |                            |  |
|  | 5,306,465  | 4/94       | Caron            | n, et al.                         |            |          |        |                            |  |
|  | 5,370,840  | 12/94      | Caron            | ı, et al.                         |            |          |        |                            |  |
|  | 5,486,244  | 1/96       | Caron            | ı, et al.                         |            |          |        |                            |  |
|  | 5,565,045  | 10/96      | Caron            | , et al.                          |            |          |        |                            |  |
|  | 5,601,665  | 2/97       | Caron            | Caron, et al.                     |            |          |        |                            |  |
|  | 5,681,662  | 10/97      | Chen,            | , et al.                          |            |          |        |                            |  |
|  | 5,853,505  | 12/98      | Braue            | er, et al.                        |            |          |        |                            |  |
|  | 5,766,377  | 6/98       | Muell            | ler, et al.                       |            |          |        |                            |  |
|  | 5,820,701  | 10/98      | Bharg            | gava                              |            |          |        |                            |  |
|  | 5,865,910  | 2/99       | Bharg            | gava                              |            |          |        |                            |  |
|  | 5,882,442  | 3/99       | Caron            | ı, et al.                         |            |          |        |                            |  |
|  | 5,893,953  | 4/99       | Bharg            | gava                              |            |          |        |                            |  |
|  | 5,916,386  | 6/99       | Bharg            |                                   |            |          |        |                            |  |
|  | 5,985,055  | 11/99      | Bharg            |                                   |            |          |        |                            |  |
|  | 6,136,103  | 10/00      |                  | el et al.                         |            |          |        |                            |  |
|  | 1,991,162+ | 2/35       | Kroll            |                                   |            |          |        |                            |  |
|  | 3,201,234  | 8/65       |                  | bner, et al.                      |            |          |        |                            |  |
|  | 4,362,579  | 12/82      |                  | hiro Tsuji                        |            |          |        |                            |  |
|  | 4,599,119  | 7/86       |                  | ima, et al.                       |            |          |        |                            |  |
|  | 4,612,167  | 9/86       |                  | nabe, et al.                      |            |          |        |                            |  |
|  | 4,606,889  | 8/86       |                  | stein, et al.                     |            |          |        | $\perp$                    |  |
|  | 4,620,885  | 11/86      | Igata,           |                                   |            | $\perp$  |        |                            |  |
| X                                      | 4,678,720  | 7/87       | Hsu, e           | et al.                            |            | )        |        |                            |  |

Page 2 of 3

| 1 '                  | <u> </u>                |       |                        |       |          | Page 2                     |
|----------------------|-------------------------|-------|------------------------|-------|----------|----------------------------|
| EXAMINER<br>INITIALS | DOCUMENTS<br>DINGS 1819 | DATE  | Name                   | CLASS | SUBCLASS | FILING<br>DATE IF<br>APPR. |
| B                    | 4,780,275               | 10/88 | Grefkes, et al.        | 1     | 1        |                            |
|                      | 5,069,270               | 12/91 | Gravemann et al.       |       |          |                            |
|                      | 5,215,711               | 6/93  | Tsuneaki Mikawa        |       |          |                            |
|                      | 5,338,374               | 8/94  | Marcus, et al.         |       |          |                            |
|                      | 5,968,604               | 10/99 | Bischoff-Bogon, et al. |       |          |                            |
|                      | 5,993,574               | 11/99 | Harkness, et al.       |       |          |                            |
|                      | 6,001,196               | 12/99 | Harkness, et al.       |       |          |                            |
|                      | 6,059,905               | 5/00  | Friedman, et al.       |       |          |                            |
|                      | 6,093,499               | 7/00  | Yasuo Tomioka          |       |          |                            |
|                      | 6,136,104               | 10/00 | Miyafuji, et al.       |       |          |                            |
| 12                   | 6,313,064               | 11/01 | Miyafuji et al.        |       |          |                            |
|                      |                         |       |                        |       |          |                            |
|                      |                         |       |                        |       |          |                            |
|                      |                         | Fo    | REIGN PATENT DOCUMEN   | ITS   |          |                            |
| Examiner<br>Initials | DOCUMENT NO.            | DATE  | COUNTRY                | CLASS |          | TRANSLATION<br>YES NO      |
| 3                    | DE4314625               | 3/94  | Germany                | 1     | 1        |                            |
|                      | 2001-040440             | 2/01  | Japan                  |       |          |                            |
|                      | EP10611146              | 12/00 | Europe                 |       |          |                            |
|                      | GB352639                | 7/31  | Great Britain          |       |          |                            |
|                      | JP58013492              | 1/83  | Japan                  |       |          |                            |
|                      | JP59047751              | 3/84  | Japan                  |       |          |                            |
|                      | JP59159243              | 9/84  | Japan                  |       |          |                            |
|                      | JP59229451              | 12/84 | Japan                  |       |          |                            |
|                      | KR8701504               | 8/87  | Korea                  |       |          |                            |
|                      | JP63130739              | 6/88  | Japan                  |       |          |                            |
|                      | JP5098372               | 4/93  | Japan                  |       |          |                            |
|                      | JP7258803               | 10/95 | Japan                  |       |          |                            |
|                      | CN1127305               | 7/96  | China                  |       |          |                            |
|                      | JP11279671              | 10/99 | Japan                  |       |          |                            |
|                      | JP11012051              | 1/99  | Japan                  |       |          |                            |
| 1/2                  | 59-197540               | 9/84  | Japan                  |       |          |                            |
| 1                    |                         |       |                        |       |          |                            |

Page 3 of 3

| T & 18.00<br>Examiner<br>Initials | DOCUMENT NO. | DATE  | COUNTRY | CLASS | SUBCLASS | Translation YES NO |
|-----------------------------------|--------------|-------|---------|-------|----------|--------------------|
| (3                                | 60-009845    | 1/85  | Japan   | ſ     | 1        |                    |
|                                   | 60-114542    | 6/85  | Japan   |       |          |                    |
|                                   | 02-179390    | 7/90  | Japan   |       |          |                    |
|                                   | 03-053036    | 3/91  | Japan   |       |          |                    |
|                                   | 09-025528    | 1/97  | Japan   |       |          |                    |
|                                   | 11-050175    | 2/99  | Japan   |       |          |                    |
|                                   | 2000-017356  | 1/00  | Japan   |       |          |                    |
|                                   | 2000-239763  | 9/00  | Japan   |       |          |                    |
|                                   | JP62120451   | 6/87  | Japan   |       |          |                    |
|                                   | JP3087326    | 4/91  | Japan   |       |          |                    |
|                                   | JP63062834   | 3/88  | Japan   |       |          |                    |
|                                   | JP63262448   | 10/88 | Japan   |       |          |                    |
|                                   | JP5059468    | 9/93  | Japan   |       |          |                    |
|                                   | JP61250154   | 11/86 | Japan   |       |          |                    |
|                                   | JP63241131   | 10/88 | Japan   |       |          |                    |
| 13                                | JP58124254   | 7/83  | Japan   |       | \        |                    |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|           |       |                        | _  |
|-----------|-------|------------------------|----|
| EXAMINER: | 5. IR | DATE CONSIDERED: 6/12/ | 06 |

<sup>\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include c/opy of this form with next communication to applicant.

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED: 6/12/06

**EXAMINER:** 

|                        |                   |                             | ATTY. DOCKET NO.                   | SERIAL N     | SERIAL NO.         |                      |  |  |  |
|------------------------|-------------------|-----------------------------|------------------------------------|--------------|--------------------|----------------------|--|--|--|
| Information Processure |                   |                             | 102350-200                         | 10/657,005   |                    |                      |  |  |  |
|                        |                   |                             | APPLICANT(S):                      |              |                    |                      |  |  |  |
|                        |                   |                             | RONALD N. CARON ET AL.             |              |                    |                      |  |  |  |
|                        |                   |                             | FILING DATE:                       | GROUP ART: C |                    | CONF NO:             |  |  |  |
|                        | S oct 1           | 8 XOA2 8                    | SEPT. 5, 2003                      | 1742         |                    | 1736                 |  |  |  |
|                        | THAI              | EMARTICE U.S. ]             | PATENT DOCUMENTS                   | <del></del>  |                    |                      |  |  |  |
| EXAMINER               | DOCUMENT          | ISSUE DATE                  | NAME                               | CLASS        | SUBCLASS           | FILING DATE          |  |  |  |
| INITIALS               | No.               |                             |                                    |              |                    | IF APPR.             |  |  |  |
|                        | 4871399           | 10/1989                     | Sugawara et al.                    | 148          | 11.5 C             |                      |  |  |  |
|                        |                   |                             |                                    |              |                    | !                    |  |  |  |
|                        |                   |                             |                                    |              |                    |                      |  |  |  |
|                        |                   |                             |                                    |              |                    |                      |  |  |  |
|                        |                   | Foreig                      | N PATENT DOCUMENTS                 |              |                    |                      |  |  |  |
| EXAMINER               | DOCUMENT          | PUBLICATION                 | COUNTRY                            | CLASS        | SUBCLASS           | TRANSLATION          |  |  |  |
| INITIALS               | No.               | DATE                        |                                    |              | <u> </u>           | YES NO               |  |  |  |
|                        | JP62-<br>263942   | 11/1987                     | Japan                              | M            |                    | NO                   |  |  |  |
|                        | JP09-<br>263864   | 10/1997                     | Japan O                            |              |                    | NO                   |  |  |  |
|                        | JP2001-<br>181759 | 07/2001                     | Japan / /                          |              |                    | NO                   |  |  |  |
|                        | JP2002-<br>028246 | 02/2002                     | Japan                              |              |                    | NO                   |  |  |  |
|                        | <u></u>           |                             |                                    | -            |                    |                      |  |  |  |
| <u> </u>               |                   |                             |                                    |              |                    |                      |  |  |  |
| 0                      | THER DOCUME       | ENTS (INCLUDING             | AUTHOR, TITLE, DATE,               | PERTINE      | NT PAGES,          | Етс.)                |  |  |  |
|                        |                   |                             |                                    | ····         |                    |                      |  |  |  |
|                        |                   |                             |                                    |              |                    |                      |  |  |  |
|                        |                   |                             |                                    |              |                    |                      |  |  |  |
|                        |                   |                             |                                    |              |                    |                      |  |  |  |
| EXAMINE                | R: /              | 3. IR                       |                                    | DATE C       | ONSIDERED          | 6/12/06              |  |  |  |
|                        |                   | dered, whether or not citat | ion is in conformance with MPEP 60 | 9; Draw line | through citation i | f not in conformance |  |  |  |

|  |                          |       |         | ATTY. DOCKET NO.                       |        | SER    | UAL N      | 0.  |                            |  |
|--|--------------------------|-------|---------|--|--------|--------|------------|-----|----------------------------|--|
| MAY 1 3 2004 2   |                          |       |         | 102350-200                             |        |        | 10/657,005 |     |                            |  |
|  |                          |       |         | APPLICANT:                             |        |        |            |     |                            |  |
|  |                          |       |         | R.N. CARON ET AL.                      |        |        |            |     |                            |  |
|  |                          |       |         | FILING DATE:                           |        | GROUP: |            |     |                            |  |
| TATRADE  | WYAKO                    |       |         | SEPTEMBER 5, 2003 1742                 |        |        |            |     |                            |  |
|  |                          |       | U.S. P  | ATENT DOCUMENTS                        |        | !      | -          | -   |                            |  |
| EXAMINER<br>INITIALS   | DOCUMENT<br>No.          | DATE  | NAME    |  | CLASS  |        | SUBCL      | ASS | FILING<br>DATE IF<br>APPR. |  |
| 3  | - <del>4871399 .</del>   | 10/89 | Sugawa  | ra et al. Dup late                     | 148    |        | 11.5       |     |                            |  |
| 1/2  | 5391243                  | 02/95 | Goto et |  | 148    |        | 554        |     |                            |  |
|  |                          |       |         |  |        |        | -          |     |                            |  |
|  |                          |       |         | ······································ |        |        |            |     |                            |  |
|  |                          |       |         |  |        |        |            |     | J                          |  |
|  |                          |       |         |  |        |        |            |     |                            |  |
|  |                          | L     | FOREIGN | N PATENT DOCUMEN                       | rs     |        |            |     | 1                          |  |
| EXAMINER<br>INITIALS   | DOCUMENT NO.             | ]     | DATE    | COUNTRY                                | CLASS  |        | SUBCLA     | ss  | TRANSLATION YES NO         |  |
|  | JP62263942               | -     | 11/87   | Japan Tuglat                           | [      |        |            |     | Abstract<br>Only           |  |
|  | JP09263864               | -     | 10/97   | Japan                                  |        |        | $\top$     |     | X                          |  |
|  | JP200118175              | 9     | 07/01   | Japan                                  |        |        |            |     | X                          |  |
|  | JP2002 <del>03</del> 824 | 6     | 02/02   | Japan                                  | 1      |        | 1          |     | X                          |  |
|  |                          |       |         |  |        |        |            |     |                            |  |
|  |                          |       |         |  |        |        |            |     |                            |  |
| <del>, , , , , , , , , , , , , , , , , , , </del>  |                          |       |         |  |        |        |            |     |                            |  |
|  |                          |       |         |  |        |        |            |     |                            |  |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)   |                          |       |         |  |        |        |            |     |                            |  |
|  |                          |       |         |  |        |        |            |     | -                          |  |
|  |                          |       |         |  |        |        |            |     |                            |  |
| EXAMINE  | ₹: <                     | . 76  |         | D                                      | ATE CO | NSIDE  | ERED:      | 61  | 12/06                      |  |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                          |       |         |  |        |        |            |     |                            |  |